

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-290548

(43)Date of publication of application : 19.10.2001

(51)Int.Cl.

G05G 1/14
B60K 26/02
B60T 7/06

(21)Application number : 2000-102232

(71)Applicant : TOYODA IRON WORKS CO LTD
TOYOTA MOTOR CORP

(22)Date of filing : 04.04.2000

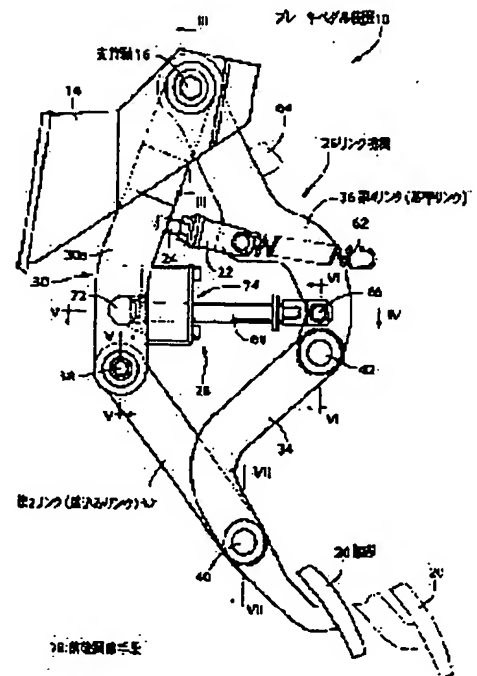
(72)Inventor : FUKASE AKIHIKO
MITSUYAMA SOJI
ISONO HIROSHI

(54) FORWARD-BACKWARD ADJUSTABLE PEDAL DEVICE FOR VEHICLE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a forward-backward adjustable pedal device for a vehicle which is constituted simple and compactly and has small play in pedal stepping operation.

SOLUTION: A brake pedal device 10 is composed principally of a link mechanism 26 consisting of four links 30, 32, 34, and 36 coupled so as to form a rectangle having a support shaft 16 as its upper coupling point, and a step part 20 is moved in the front-rear direction of the vehicle by deforming the rectangle by making the intermediate parts of the link mechanism 26 come closer to and leave each other by a front-rear adjusting means 28 arranged over the first link 30 and fourth link 36. The reference position of the fourth link 36 and the front-rear adjustment range the step part 20 by the front-rear adjusting means 28 are so set that the step part 20 is at the lowest position on the rear-side movement end where the part 20 is the closest to a driver's seat and increases on height as it moves from the rear-side movement end to the front-side movement end, as shown by the dashed line.



BEST AVAILABLE COPY

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the
examiner's decision of rejection or application
converted registration]

KSR 003095